



Thinvent Aero Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: AERO-I3_12-4-M1024-12_5-M-U-0



Compact Power, Limitless Possibilities.

Experience unparalleled performance and incredible efficiency with the Thinvent® Aero Mini PC, a compact powerhouse designed for the modern workspace. This mini PC delivers robust computing power in an ultra-small form factor, perfect for decluttering your desk without compromising on speed or reliability.

Performance That Powers Your Day

- Unleash dynamic computing with the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz, ensuring seamless multitasking and swift application execution.
- Benefit from 8GB DDR4 RAM for fluid operation and a lightning-fast 1TB SSD, providing instant boot-ups and ample storage for all your critical data.

Smart Software, Seamless Experience

- Enjoy the stability and security of Ubuntu Linux 24.04 LTS pre-installed, offering a powerful, open-source operating system with long-term support and no licensing fees.

Connectivity for Every Need

- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a rapid 1000 Mbps Gigabit Ethernet port.
- Expand your workspace with dual display support via HDMI and VGA.
- Access a comprehensive array of ports including 2x USB 3.2, 6x USB 2.0 (4 front), 1x Front USB C, plus dedicated audio input and output for versatile peripheral connections.

Compact Design, Robust Build

- Its sleek black housing, crafted from durable steel and ABS plastic with a powder-coated finish, measures a mere 198mm x 187mm x 40mm, fitting discreetly into any environment.
- Powered by an energy-efficient 12V 7A adapter with a wide AC input range, the Aero Mini PC is built for continuous, reliable operation.
- Trust in quality with BIS, RoHS, and ISO certifications, ensuring environmental compliance and manufacturing excellence.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 4 GB |
| SSD Storage | 1024 GB |

DISPLAY

| | |
|------|---|
| HDMI | 1 |
| VGA | 1 |

AUDIO

| | |
|-------------------|---|
| Speaker Out | 1 |
| Mic In | 1 |
| Front Speaker Out | 1 |
| Front Mic In | 1 |

CONNECTIVITY

| | |
|---------------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |
| Front USB 2.0 | 4 |
| Front USB C | 1 |
| RS485 Option | 1 |

NETWORKING

| | |
|---------------------|-------------------------------|
| Ethernet | 1000 Mbps |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

POWER

| | |
|--------------|--|
| DC Voltage | 12 Volts |
| DC Current | 5 Amps |
| Power Input | 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre |

ENVIRONMENTAL

| | |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C |
| Operating Humidity | 20% ~ 80% RH, non condensing |
| Certifications | BIS, RoHS, ISO |

PHYSICAL

| | |
|----------------------|-----------------------|
| Form Factor | Mini PC |
| Dimensions | 198mm × 187mm × 40mm |
| Housing Material | Steel and ABS Plastic |
| Housing Finish | Powder Coated |
| Housing Colour | Black |
| Net and Gross Weight | 1.59kg, 1.59kg |

OPERATING SYSTEM

| | |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

Ordering Information

| PRODUCT CODE | |
|--|--|
| Aero-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | |
| RAM | 4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4 |
| SSD | m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB |
| Wireless | m = Dual Band WiFi X = No WiFi |
| OS | DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux |
| Accessories | 0 = None KM = Keyboard and Mouse set MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse |

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